

Title (en)

BACK-CONTACT SOLAR CELL AND SOLAR CELL MODULE INCLUDING SAME

Title (de)

RÜCKKONTAKT-SOLARZELLE UND SOLARZELLENMODUL DAMIT

Title (fr)

PILE PHOTOVOLTAÏQUE À CONTACT DE REPOS ET MODULE PHOTOVOLTAÏQUE LA COMPRENANT

Publication

EP 4002492 B1 20220831 (EN)

Application

EP 20215555 A 20201218

Priority

CN 202011307889 A 20201119

Abstract (en)

[origin: EP4002492A1] The present disclosure provides a back-contact solar cell and a solar cell module. The back-contact solar cell includes: a substrate including a light-receiving surface and a back surface opposite to the light-receiving surface; wherein the substrate is divided to a center region and connecting regions on opposite sides of the center region; positive electrodes and negative electrodes disposed on the back surface of the substrate; auxiliary positive electrodes, disposed on one or both of the light-receiving surface and a side surface of each of the connecting regions, and configured to be electrically connected to the plurality of positive electrodes; and auxiliary negative electrodes, disposed on one or both of the light-receiving surface and the side surface of each of the connecting regions, and configured to be electrically connected to the plurality of negative electrodes.

IPC 8 full level

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CPC (source: CN EP US)

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